

Peak District National Park

Forecast valid from 00:00 on Monday 11 Apr 2022 until 23:59 on Tuesday 12 Apr 2022

Forecast Issued on Sunday 10 Apr 2022 at 14:42

Confidence: High confidence of a gradual warming trend, but some uncertainty regarding timing and extent of rain.

Headline for Monday 11 Apr 2022: Largely dry but windy.

Mountain weather hazards on Monday 11 Apr 2022

Blizzards

No Likelihood

Gales

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability							
20%	20%	10%	<05%	<05%	40%	30%	30%

Forecast for Monday 11 Apr 2022

Weather: A cloudy start, but this thinning through the morning to allow some brighter spells to develop. However, cloud is expected to increase once again during the afternoon and evening, bringing the risk of a few showers.

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: Visibility generally good, but a bit hazy at times, with distant hills difficult to view during showers.

Forecast for Monday 11 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 SE	15/24 SE	21/34 SE	30/41 SE	32/43 SE	31/43 SE	23/34 SE	19/29 SE	14/21 E
300	10/18 SE	11/21 SE	14/24 E	16/26 E	27/40 SE	24/39 SE	18/29 E	15/25 E	9/13 E
Valley	7/16 E	8/19 E	9/21 E	11/24 E	20/38 SE	12/29 E	14/28 E	13/26 E	10/18 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/0	4/-1	4/-2	7/2	8/3	7/2	6/1	6/3
300	6/3	6/3	6/2	7/3	10/6	11/7	10/6	8/5	8/5
Valley	6/4	6/4	6/3	8/5	12/8	11/9	10/7	9/6	8/6
Freezing Level*	1100m	1100m	1000m	900m	1100m	1800m	2200m	2200m	2100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 09 Apr 2022	17mm	17.4mm	22.4mm

Forecast for Tuesday 12 Apr 2022

Weather: Cloudy with outbreaks of rain spreading across the park during the early hours. These will be heavy at times, before clearing northwards during the early afternoon, allowing some sunny spells to develop. Remaining dry with clear spells during the evening.

Maximum wind: Easterly becoming southerly 10-15mph gusting 20-30mph.

Chance of cloud-free hill tops above 600m: 60% increasing to 90-100% during the early afternoon.

Low cloud and visibility: During the morning cloud will be widespread above the summits, and occasionally lowering to around 500m. However, in the afternoon, cloud is expected to largely be above the summits. Visibility generally good, but reducing to a few km in rain.

Temperature: **Valleys:** 5 deg C, increasing to 14 deg C by the early afternoon.

At 600m: 9 deg C

Freezing level: Above the summits.